

Title (en)

REMOTE ANALYTE MONITORING AND INSULIN DELIVERY SYSTEM

Title (de)

SYSTEM ZUR FERNÜBERWACHUNG VON ANALYTEN UND INSULINABGABESYSTEM

Title (fr)

SYSTÈME DE SUIVI D'ANALYTE ET D'ADMINISTRATION D'INSULINE À DISTANCE

Publication

**EP 3704682 A4 20210811 (EN)**

Application

**EP 18873701 A 20181101**

Priority

- US 201762580348 P 20171101
- US 201762580798 P 20171102
- US 2018058646 W 20181101

Abstract (en)

[origin: US2019125969A1] In one aspect, an analyte monitoring and insulin delivery system is provided. The system may include an analyte sensor configured to convey sensor data indicative of a measurement of one or more detectable properties based on an amount or concentration of an analyte. The system may include a transceiver configured to receive the sensor data and calculate an analyte level based on the sensor data. The system may include a display device configured to receive calculate an adjusted insulin delivery rate for an insulin pump and display the received analyte level and/or the adjusted insulin delivery rate. The system may include the insulin pump configured to increase, decrease or maintain a first insulin delivery rate based on the adjusted insulin delivery rate. The display device may further display icons corresponding to the system components and an operational status indicator for each icon.

IPC 8 full level

**A61M 5/142** (2006.01); **A61M 5/172** (2006.01); **G08C 17/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [Y] US 2015182115 A1 20150702 - DEHENNIS ANDREW [US]
- [Y] US 2010076412 A1 20100325 - RUSH BENJAMIN M [US], et al
- [Y] US 2011009846 A1 20110113 - ISTOC EMILIAN [US], et al
- [Y] US 2011098637 A1 20110428 - HILL MICHAEL A [US]
- [Y] US 2009112154 A1 20090430 - MONTGOMERY BARBARA A [US], et al
- [Y] US 2004254434 A1 20041216 - GOODNOW TIMOTHY T [US], et al
- See references of WO 2019089891A1

Designated contracting state (EPC)

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